SYSTEM AND METHOD
FOR SYNCHRONIZING AN
IEEE 802.11 POWER-SAVE INTERVAL

ABSTRACT OF THE INVENTION

A system and method are provided for coordinating a power-save interval in an IEEE 802.11 wireless network. The method comprises: transmitting a first frame from an access point (AP) to a quality of service station (QSTA); receiving an acknowledgement from the QSTA; in response to receiving the acknowledgement, retransmitting the first frame from the AP to the QSTA; in response to receiving the acknowledgement, identifying the retransmitted first frame as the last frame in the transmission queue; receiving an acknowledgement responsive to the retransmitted first frame; and, timing the next minimum service interval in response to the retransmitted first frame.

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